

**Notice of Oral *Ex Parte***

June 24, 2016

Ms. Marlene H. Dortsch  
Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, S.W.  
Washington, D.C. 20554

**Re: In the matter of Use of Spectrum Bands Above 24 GHz for Mobile Radio Services, GN  
Docket No. 14-177**

Dear Ms. Dortsch,

On Wednesday, June 22, 2016, Reza Arefi of Intel Corporation (“Intel”) met by phone with Michael Ha (OET) and Bahman Badipour (OET) to discuss our coexistence simulations submitted into the record on June 21, 2016.<sup>1</sup> Consistent with the contents of that report, Intel discussed the methodologies and results, describing ways in which our study addressed coexistence in a different manner from studies previously submitted into the record including:

- The use of actual earth station deployment data.
- The variation of I/N to cover a range of feasible operating conditions for the 5G system due to the fact that I/N, by itself, is not sufficiently expressive of the impact of interference on a victim receiver.

Intel also discussed our recommendation for pfd (power flux density) needed to protect the 5G base stations.

Respectfully submitted,

/s/ Reza Arefi

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1155 F St. NW Suite 1025  
Washington, D.C. 20004

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<sup>1</sup> A revision of this study document was submitted June 24<sup>th</sup> 2016 to correct inadvertent labelling errors in certain graphs within the report. These corrections did not impact the results or recommendations. See *erratum* filed June 24, 2016.